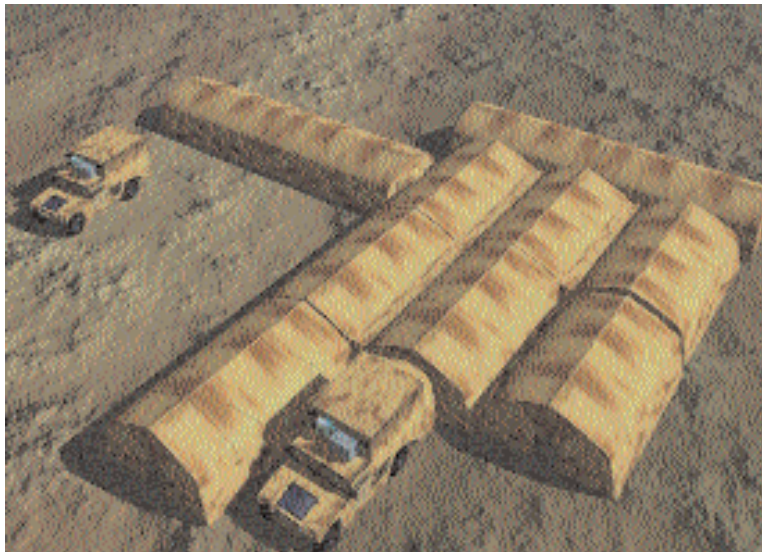
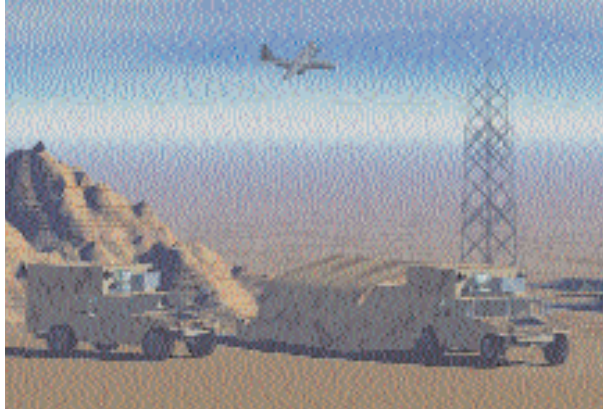


Common Aviation Command and Control System (CAC2S)

Description

The CAC2S is a coordinated modernization effort to replace the existing command and control (C2) equipment of the Marine Air Command and Control System (MACCS) and to provide the ACE with the necessary hardware, software, equipment, and facilities to effectively command, control, and coordinate air operations.

The CAC2S system will accomplish the MACCS missions with a suite of operationally scalable modules capable of supporting any operational contingency. The CAC2S integrates the functions of aviation C2 into an interoperable naval system that will support the core competencies of all Marine Corps warfighting concepts.



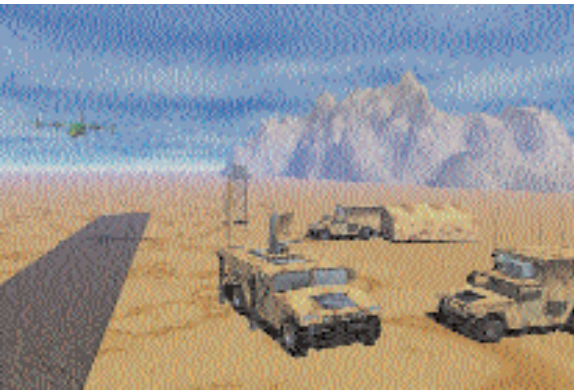
Operational Impact

The CAC2S, in conjunction with MACCS organic sensors and weapons systems, supports the tenets of EMW and fosters a Joint interoperability with other Service C2 systems. It will replace legacy C2 systems in the following Marine aviation C2 elements:

- ☐ Tactical Air Command Center (TACC)
- ☐ Tactical Air Operations Center (TAOC)
- ☐ Direct Air Support Center (DASC)
- ☐ Marine Air Traffic Control Detachment (MATCD)
- ☐ Low Altitude Air Defense Battalion (LAAD BN)

Program Status

The CAC2S and UOC programs are being developed in parallel to eventually achieve a common MAGTF Operations Center solution. CAC2S is being developed in an evolutionary acquisition strategy in four increments.



Increment I will replace the functionality of the TAOC and will baseline the core information fusion and management function common to all increments and eventually all MAGTF Operation Centers. Increment II will replace the TACC and DASC nodes. Increment III will achieve integration between CAC2S and the Air Surveillance and Precision

Approach Radar Control System (ASPARCS) for Air Traffic Control functionality. Increment IV is the transition to the complete MAGTF Operation Center functionality. CAC2S is an ACAT III program in the program definition and risk reduction development phase. IOC/FOC for Increment I and Increment II is planned for FY06 and FY08, respectively.

Procurement Profile:	FY02	FY03
Quantity:	0	0
Developer/Manufacturer	Raytheon Naval and Maritime Integrated Systems	